

## TOP-TIPS

# The world's best small speaker is now even better



We all want speakers which complement our home or environment, but often this means having small, 'thin' sounding speakers which look good, but simply don't deliver the best sound.

Minx redefines what is possible from a compact speaker. The Min 12 and Min 22 speakers are extremely compact and stylish, yet both produce a huge sound, normally associated with much larger, traditional box speakers.

At the heart of Minx is BMR (Balanced Mode Radiator) technology which enables treble, mid and bass to be delivered from just one tiny speaker driver.







The Min 12 features a new, redesigned BMR speaker which has been significantly improved to deliver far greater clarity and ultimately, better sound. The larger Min 22 uses the new BMR driver combined with a custom, dedicated woofer for further improved bass handling.

Complimenting the satellite speakers are two new Minx subwoofers, each packed with cutting-edge technology. The 200 Watt X201 and the 300 Watt X301 subwoofers both feature forward firing drivers and state-of-the-art Auxiliary

Bass Radiators (ABRs) which deliver room-shaking punch and efficiency, despite their compact design.

Whether it's for amazing surround sound movies, sport, gaming, TV or just high quality stereo music, Minx is a great looking and fully integrated speaker system that can be placed just about anywhere.

### Minx at a glance:

-  Amazing room filling sound with ultra-wide dispersion
-  Versatile mounting options
-  Discreet design and beautifully finished
-  Ideal for movies, music, TV, sport and gaming
-  New improved 4th generation BMR driver
-  Any configuration 2.1, 5.1, or 7.1

## Cambridge Audio: our story

Since 1968 Cambridge Audio has been driven by a simple belief; that music should always sound amazing.

Cambridge Audio is for people who really listen to music.

Our original British-designed products are enjoyed the world over by people like you who share a love of music.

We have an envied reputation for innovation and every one of our engineers is fanatical in their pursuit of delivering an authentic and enjoyable experience. When you listen to a Cambridge Audio product you don't just hear the difference, you feel it.

We want everyone to experience that pleasure. We love music and we're proud

of what we do. Our passion for listening to great music and the fun we have in the process of creating the products we make shines through, for all to see and hear. We're all music lovers, plain and simple and we want to share that love. Because great things happen when people who love music, design hi-fi!



# Cambridge Audio

Fundamental developments by Cambridge Audio in acoustic science allow Minx to deliver a quality and depth of sound which has previously only been possible with much larger box speakers.

## Endless combinations!

Each speaker and subwoofer is available separately enabling endless combinations of Minx to suit every home and scenario.



### Min 12

The Min 12 measures just 8cm square, but thanks to its new and improved BMR driver, it produces power and refinement that defies its size.

### Min 22

Takes the BMR driver from the Min 12 and adds a custom dedicated woofer for improved bass handling delivering an outstanding audio performance.

### X201

Smallest active subwoofer on the market uses a 200 Watt amplifier, one 6.5" active woofer and two auxiliary bass radiators to achieve incredible bass levels and depth from a tiny cabinet.

### X301

Bring your music and movies to life with this powerful 300 Watt subwoofer, boasting one 8" active woofer and one auxiliary bass radiator, suitable for virtually any system.

Thanks to the BMR technology and punchy, high-tech subwoofers, Minx will effortlessly fill even the largest of rooms with great sound. Equally because Minx is so discreet, and with stylish finishes, they are perfect for design conscious listeners who want great sound but don't want to fill their room with speakers.

## Easy to use terminals

Unlike many style speakers which use low quality spring clips or custom cabling, Minx offers universal connection to any home cinema receiver or amplifier with an ingenious speaker terminal design, which can be removed to support banana plugs.



## Incredible versatility

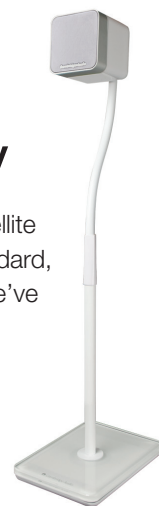
For maximum placement flexibility each Minx satellite speaker can be tabletop or wall mounted as standard, but as every home and requirement is different we've created a range of mounting accessories too.



Pivoting wall mount bracket



Table stand

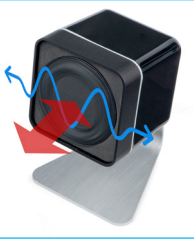


Adjustable floorstand with integrated cable management

## Movies, music and more

Minx delivers incredible sound whatever you're listening to. Whether you need to hear the crashes and explosions in movies, the passion and detail in music, or the special effects when gaming, Minx can do it all!

## The inside story



### BMR explained:

Our BMR (Balanced Mode Radiator) drivers utilise patented 'bending wave' principles normally seen in advanced flat panel speakers:

- BMR speaker technology is a revolutionary high-end solution using a single, flat panel to produce a wide

bandwidth sound with exceptional dispersion.

- BMR combines a flat NXT-type panel that with a conventional piston-like driver to provide excellent power handling across an ultra-wide range of frequencies.
- The compact nature of the single BMR driver allows the internal cabinet volume to be used to excellent effect – even in a miniature enclosure.
- Because the higher frequencies are produced by 'vibration modes' over the BMR's entire surface, dispersion is exceptionally wide and instruments are reproduced much more realistically.

### Increased dispersion

BMR also delivers ultra-wide 180° sound dispersion and an increased sound field meaning there are no sweet-spots so it sounds great wherever you are sitting.



BMR Speaker



Traditional Speaker

### How are they better?

The Min 12 and 22 are just as compact and discreet as their award winning predecessors, yet both produce even better sound...

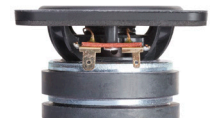
- We've used larger and more efficient magnets which transform more of the music into sound and require less power.
- The driver excursion has increased from 2.2mm to 4mm. The cone can now move nearly twice as far bringing more bass, better integration with the subwoofer and a richer sound.
- We've used our new 4th generation BMR driver, also found in the award-winning Aeromax speakers. This new BMR driver is more 'isotropic' than the previous version. This means that it is more uniform in all directions, giving even better dispersion and extended treble response. Additionally, fine-tuning BMR Modes has resulted in smoother, more natural sound, reproducing every last detail of music.
- The Min 22 uses the new BMR driver combined with a custom, dedicated woofer for further improved bass handling.



Original Minx BMR driver



NEW Minx BMR driver



Min 22 woofer



## The perfect finish...

Minx is finished to the highest possible standards in stunning white or black high gloss lacquers. Easy to clean, hard to scratch – Minx will look as amazing as it sounds for many years to come.

## Superb Subwoofers!

Cutting-edge technology is at the heart of both Minx subwoofers. Forward firing drivers and state-of-the-art Auxiliary Bass Radiators (ABR) combine to deliver a room-shaking punch and efficiency for this compact design. Performance in such a small enclosure is further optimised by Minx's Digital Signal Processor (DSP). The DSP provides real-time control of equalisation and dynamic range processing for the maximum possible performance while preventing drivers overloading and distorting.

With the X201 and X301 subwoofers we have completely re-designed the woofers, making them more efficient and able to handle more power, allowing them to play louder than ever!

# Top reasons to buy Minx

Minx is small and stylish, yet delivers the sound of much larger speakers. Here are 10 reasons to choose the Cambridge Audio Minx over other speaker systems...

1

## Balanced Mode Radiator (BMR) technology

Thanks to BMR technology, Minx is ultra-small and discreet, yet sounds like a traditional box speaker. Unlike other style systems, which display obvious separation between the source of bass and higher frequencies, Minx sounds truly integrated for the purest possible sound.

2

## Jaw dropping performance!

The Min 12 measures just 8cm square, but thanks to its 2.25" BMR driver, it delivers power and refinement that defies its size. However, even with the addition of a dedicated woofer, the Min 22 satellite still only stands 15cm tall and delivers even greater depth and dynamics and instantly reveals its muscle as soon as the music begins.

3

## Easy to position

The BMR driver technology used in Minx gives the system an incredibly wide dispersion of sound. This allows Minx to be placed almost anywhere in the room and still sound fantastic wherever you may be sitting.

4

## No cable spaghetti

Unlike Bose, Minx features traditional speaker and subwoofer connections, meaning that you can use standard speaker and subwoofer cables of your choosing rather than having to put up with yards of cheap, unwanted umbilical cable.

5

## Powerful subwoofers

The X201 and X301 subwoofers feature a powerful DSP design allowing the subwoofers real-time control of equalisation and dynamic range processing. This achieves the maximum possible output and sound quality from the subwoofer and prevents the drivers going into overload and distortion.

6

## Powerful yet discreet

Each Minx subwoofer also uses an innovative driver plus an ABR (Auxiliary Bass Radiator) system rather than having either an enclosed box (which would require even more power) or a ported design (which would require a bigger cabinet). The result of this is two extremely efficient and very powerful subwoofers housed in tiny cabinets.



7

## True hi-fi credentials

Both Minx subwoofers offer full rear panel control of 'gain', 'phase' and 'crossover frequency', unlike many other style subwoofers which give little or no adjustment in these areas.

8

## High quality speaker terminals

Unlike many style speaker packages which use low quality spring clips or custom cabling, Minx offers universal connection to any home cinema receiver or amplifier with an ingenious speaker terminal design, which can be removed to support 4mm banana plugs.

9

## Versatile mounting options

Any room, anywhere: Minx's versatile mounting options include flat and pivot wall mounts, adjustable floor stands and desktop mounts.

10

## Limitless options

Minx's modular system can be customised and added to, whatever you need. Whether you need a 2.1 or 11.2 speaker system, thanks to a range of speakers and subwoofers in different sizes and colours, there is no limit to the combinations you can create for your perfect system.

